

AMENDMENT TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1-12 (canceled)

Claim 13 (original): A method for encoding a motion video signal, the method comprising:

comparing first and second frames of the motion video signal to one another;

determining whether the second frame represents a scene change in a motion video image represented by the motion video image;

encoding the second frame as an independent frame upon a condition in which the second frame represents the scene change in the motion video image; and

encoding the second frame as a motion-compensated frame upon a condition in which the second frame does not represent the scene change in the motion video image.

Claims 14-28 (canceled)

Claim 29 (original): A computer readable medium useful in association with a computer which includes a processor and a memory, the computer readable medium including computer instructions which are configured to cause the computer to encode a motion video signal by performing the steps of:

1 comparing first and second frames of the motion video signal to one another;
2 determining whether the second frame represents a scene change in a motion
3 video image represented by the motion video image;
4 encoding the second frame as an independent frame upon a condition in which the
5 second frame represents the scene change in the motion video image; and
6 encoding the second frame as a motion-compensated frame upon a condition in
7 which the second frame does not represent the scene change in the motion video image.
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9 Claims 30-44 (canceled)
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11 Claim 45 (presently amended): A computer system comprising:
12 a processor;
13 a memory operatively coupled to the processor; and
14 a motion video signal encoder which executes in the processor from the memory
15 and which, when executed by the processor, causes the computer system to encode a
16 motion video signal by performing the steps of:
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18 comparing first and second frames of the motion video signal to one
19 another;
20 determining whether the second frame represents a scene change in a
21 motion video image represented by the motion video image;
22 encoding the second frame as an independent frame upon a condition in
23 which the second frame represents the scene change in the motion video image;
24 and
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1 encoding the second frame as a motion-compensated frame upon a
2 condition in which the second frame does not represent the scene change in the
3 motion video image.

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5 Claims 46-48 (canceled)

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7 Claim 49 (new): A computer readable medium comprising instructions
8 which, when executed by a computer, performs the method of Claim 13.
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10 Claim 50 (new): The method of claim 13 wherein the determining whether the
11 second frame represents a scene change comprises:
12 measuring a difference between the first and second frames;
13 comparing the difference to a predetermined threshold;
14 determining that the second frame represents the scene change if the difference is
15 greater than the predetermined threshold; and
16 determining that the second frame does not represent the scene change if the
17 difference is not greater than the predetermined threshold.
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20 Claim 51 (new): The method of Claim 50 wherein the difference is an absolute
21 pixel difference.
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23 Claim 52 (new): The computer readable medium of Claim 29 wherein the
24 determining whether the second frame represents a scene change comprises:
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1 measuring a difference between the first and second frames;
2 comparing the difference to a predetermined threshold;
3 determining that the second frame represents the scene change if the difference is
4 greater than the predetermined threshold; and
5 determining whether the second frame does not represent the scene change if the
6 difference is not greater than the predetermined threshold.

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8 Claim 53 (new): The computer readable medium of Claim 52 wherein the
9 difference is an absolute pixel difference.
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